Earth Science

Prototype Sensor Development for Geostationary Trace gas and Aerosol Sensor Optimization (GEO-TASO) for the GEO-CAPE Mission

Completed Technology Project (2011 - 2014)

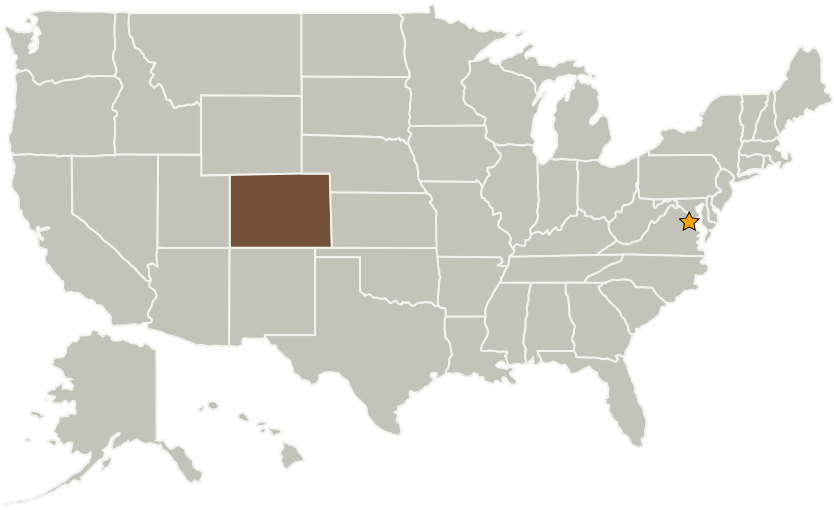
Project Introduction

N/A

Anticipated Benefits

N/A

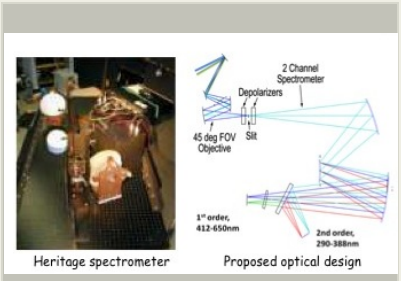
Primary U.S. Work Locations and Key Partners



Organizations Performing Work	Role	Type	Location
★NASA Headquarters(HQ)	Lead Organization	NASA Center	Washington, District of Columbia

Co-Funding Partners	Type	Location
Ball Aerospace & Technologies Corporation	Industry	Boulder, Colorado

Primary U.S. Work Locations
Colorado



Project Image Prototype Sensor Development for Geostationary Trace gas and Aerosol Sensor Optimization (GEO-TASO) for the GEO-CAPE Mission

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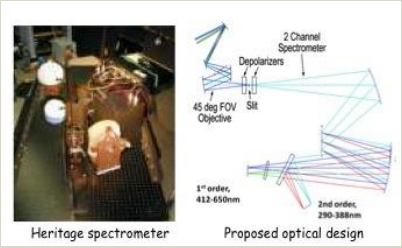
Images



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Project Image Prototype Sensor Development for Geostationary Trace gas and Aerosol Sensor Optimization (GEO-TASO) for the GEO-CAPE Mission
(https://techport.nasa.gov/image/1599)

Organizational Responsibility

Responsible Mission Directorate:
Science Mission Directorate (SMD)

Lead Center / Facility:
NASA Headquarters (HQ)

Responsible Program:
Earth Science

Project Management

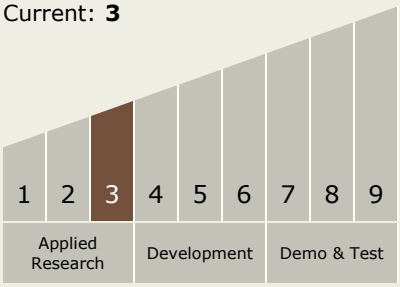
Program Director:
George J Komar

Project Manager:
Parminder S Ghuman

Principal Investigator:
James Leitch

Technology Maturity (TRL)

Start: **3**
Current: **3**



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Technology Areas

Primary:

- TX08 Sensors and Instruments
  - TX08.1 Remote Sensing Instruments/Sensors
    - TX08.1.5 Lasers

Target Destination

Earth